Docket No.

210683US2SRD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Koichiro AKIYAMA

SERIAL NO:

New Application

GAU:

FILED:

Herewith

EXAMINER:

FOR:

BROADCAST RECEIVING METHOD AND APPARATUS AND INFORMATION DISTRIBUTING

METHOD AND APPARATUS

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak

Registration No.

24,913

C. Irvin McClelland Registration Number 21,124



22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 10/98)

4

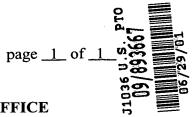
45



LIST OF RELATED CASES

Docket Number	Serial or Patent No.	Filing or Issue Date	Status or Patentee
0039-6687-2 SRD	09/076,826	05/13/98	PENDING
0039-6990-2 RD	09/219,889	12/24/98	PENDING

DOCKET NO.: 210683US2SRD



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Koichiro AKIYAMA

SERIAL NO.: New Application

FILED: Herewith

FOR: BROADCAST RECEIVING METHOD AND APPARATUS AND INFORMATION

DISTRIBUTING METHOD AND APPARATUS

STATEMENT OF RELEVANCY

Reference AW on Form PTO-1449:

Current conditional-access (CA) systems for satellite broadcasting offer high security by periodically transmitting CA information to each receiving apparatus. However, these systems are required to transmit a large amount of CA information. The need has therefore arisen for improvements to reduce the amount of CA information, especially in the case of mobile-audio broadcasting systems which have a restricted band and cannot expect to receive CA information regularly. In response to this problem, we have invented new concepts for both key configuration and event-driven transmission, which have decreased the amount of data to be transmitted. This invention referred the CA system described in this article as an example of CA system.

Form PTO 1449 (Modified)	0 1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 210683US2SRD		SERIAL NO. New Application				
LIST OF REFERENCES CITED BY APPLICANT									
		FILING DATE Herewith			GROUP 5		J1036 U S.		
<u> </u>				U.S. PATENT DO	CUMENTS			***************************************	101
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUB CLASS	FILING DAT	E
INTIAL	AA	HOMBER		 					
	AB				-				
	AC				_				
	AD								
	AE								
	AF								
	AG								
	АН								
	Αl								
	AJ			<u> </u>					
	AK		- 1						
	AL							····-	
	AM			<u> </u>					
	AN			<u> </u>					
		•	FO	REIGN PATENT	DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY		YES	TRANSLATION S NO	1
	AO								
	AP								
	AQ								
	AR								
	AS								
	AT								
	AU						ļ		
	AV						<u></u>		
					r, Title, Date, Perti				
	AW	Koichiro AKIYAMA, et al., pages 38-40	"Pay Mobi	le-Audio Broadca	sting System", TOS	SHIBA REVIEW	V, Vol. 54, I	No. 7, (1999),	
	AX					- 111	i. •		
	AY					*			
	AZ								
Examiner		<u> </u>				Date Cor	nsidered		
*Examiner: Ini	tial if re	eference is considered, who	ether or no	ot citation is in con	formance with MPE	EP 609; Draw li	ine through	n citation if not in	

06/29/01